

CLARIFICATION AND ANSWERS TO ADDITIONAL QUESTIONS REQUEST FOR QUOTE (RFQ) NNC10344654Q

AUGUST 10, 2010

Clarification

Questions have risen regarding the availability of MS27466G25F61P and MS27467G25F61S connectors. Three previous answers provided address this issue: Question 1 and Question 7 (posted July 30) indicate that NASA is open to variations of standardized connectors and Question D (posted August 4) indicated that a space rated connector based upon MIL-DTL-38999L had the G designation.

For example: Amphenol produces connectors that are based upon MS27466G25F61P and MS27467G25F61S. Amphenol's process has not been qualified to provide these connectors; however, they have commercially available connectors, LJT00RT-25-61P453 and LJT06RT-25-61S453 that meet the full intent of MS27466G25F61P and MS27467G25F61S.

Answers

1. Is this wire thermocouple grade or extension grade? Assume tc grade? Assume standard limits?

- Drawing PE-1411-00041577-E-801 General Note 4 references ASTM E 230-03 Table 1 which applies to thermocouple grade wire. Standard limits are sufficient for our application.

2. What is the requested wire insulation to be? Assume Teflon, does type matter?

- Insulation is not specifically defined except for the performance specifications defined in drawing PE-1411-00041577-E-801 for pressure (100 mm Hg vacuum service) and temperature -40 to 225 F. We customarily see Teflon.

3. What are the middle temp points for calibration? Your specs say range of neg 40 to pos 225.....we need the points you want tested at in the middle, if any?

- Test points should be -40 F, 0 F, 50 F, 100 F, 150 F, 225 F.